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FIG. 1 (a)

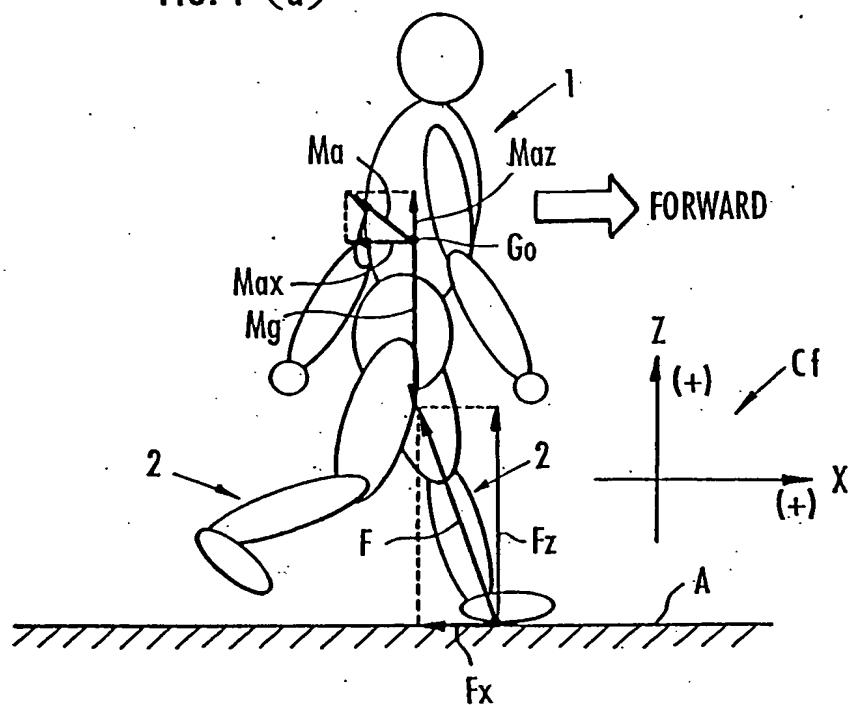
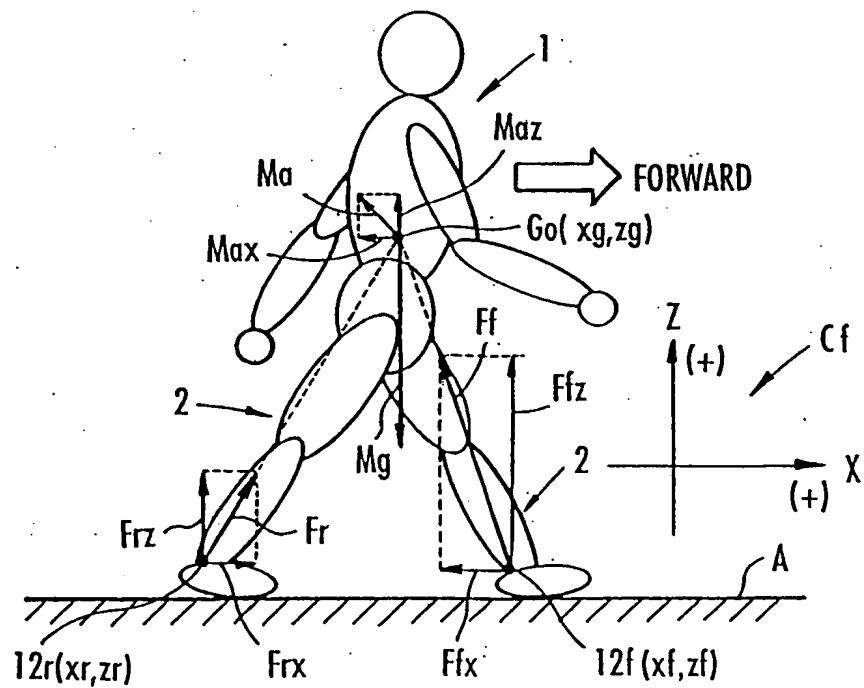
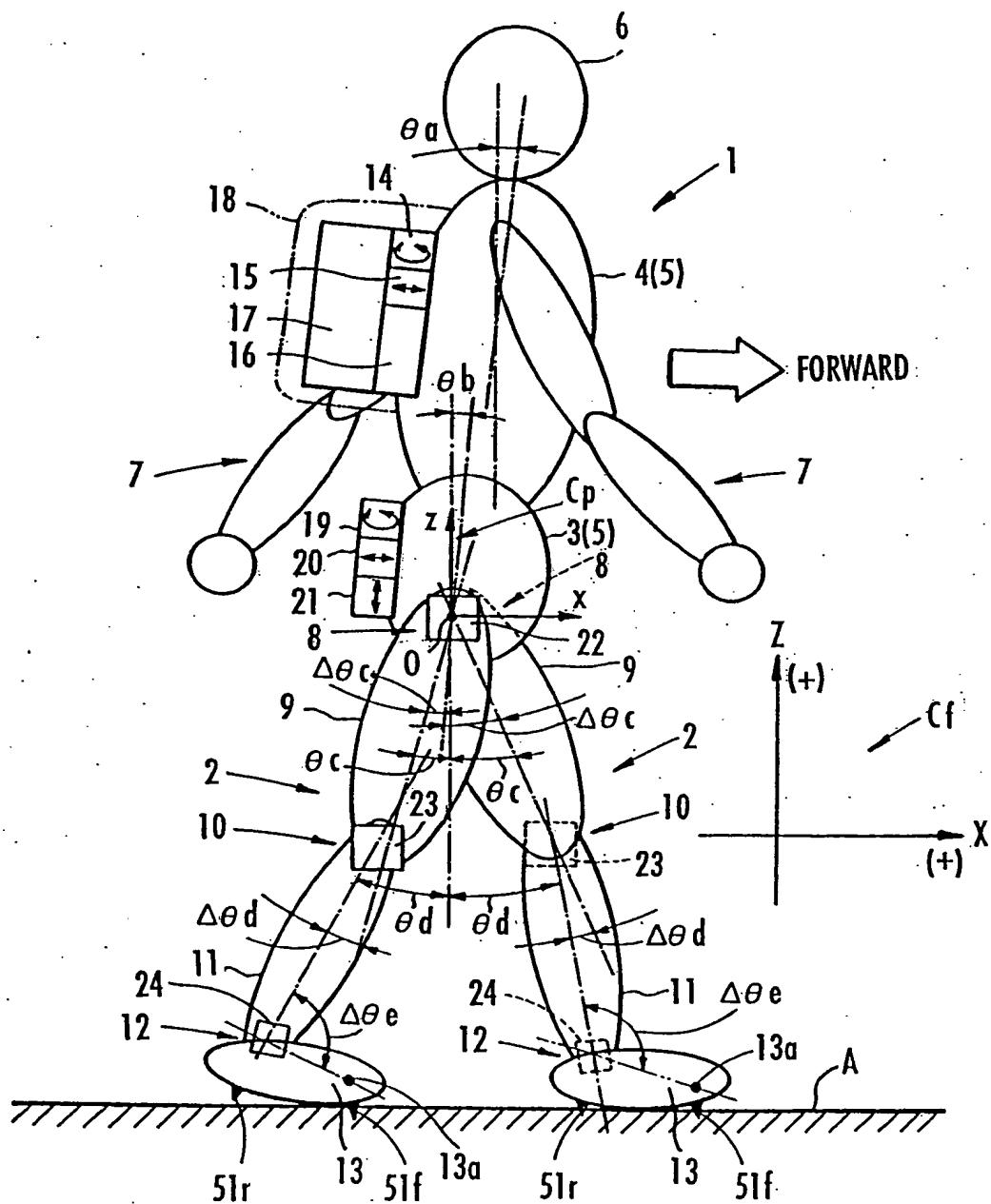


FIG. 1 (b)



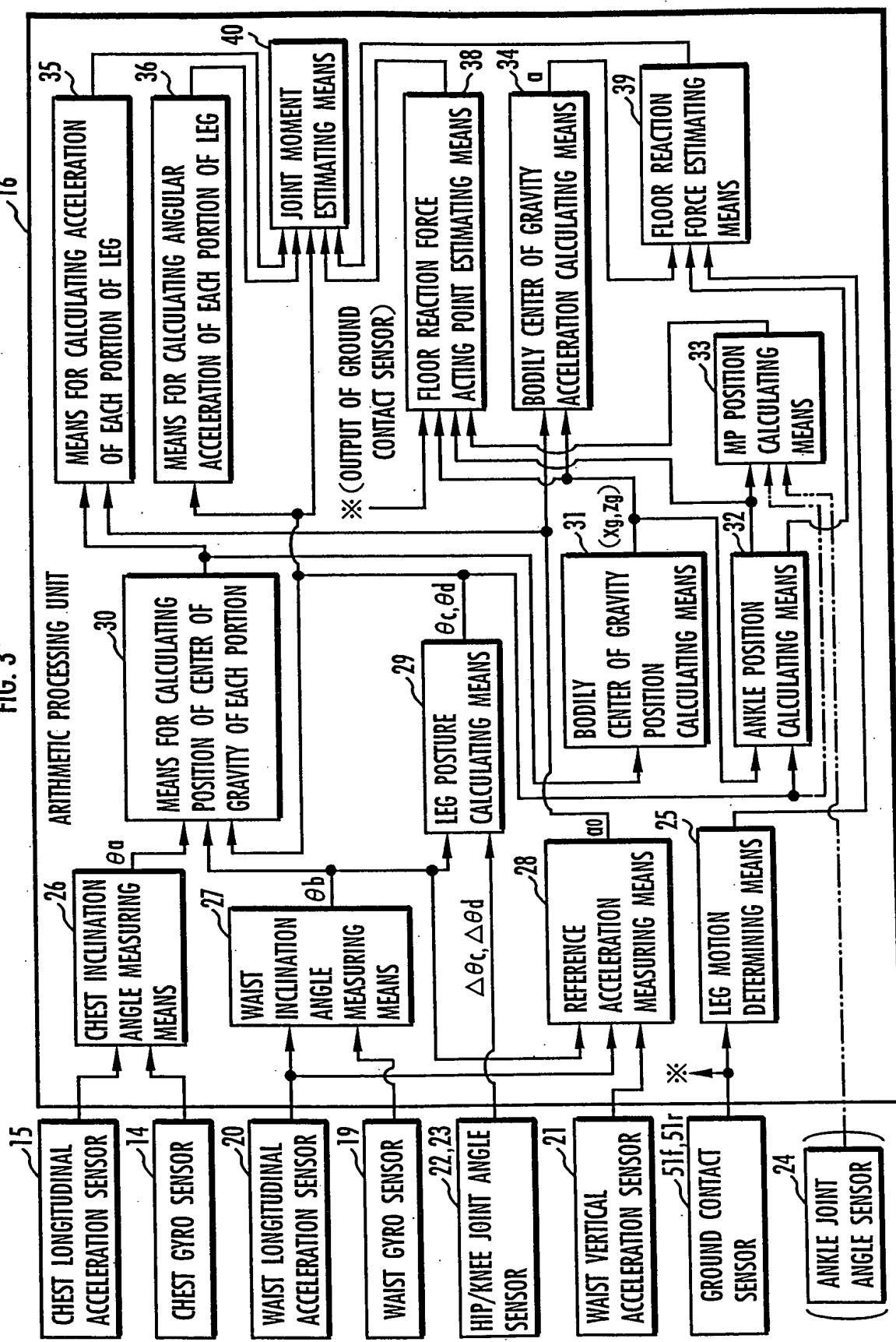
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FIG.2



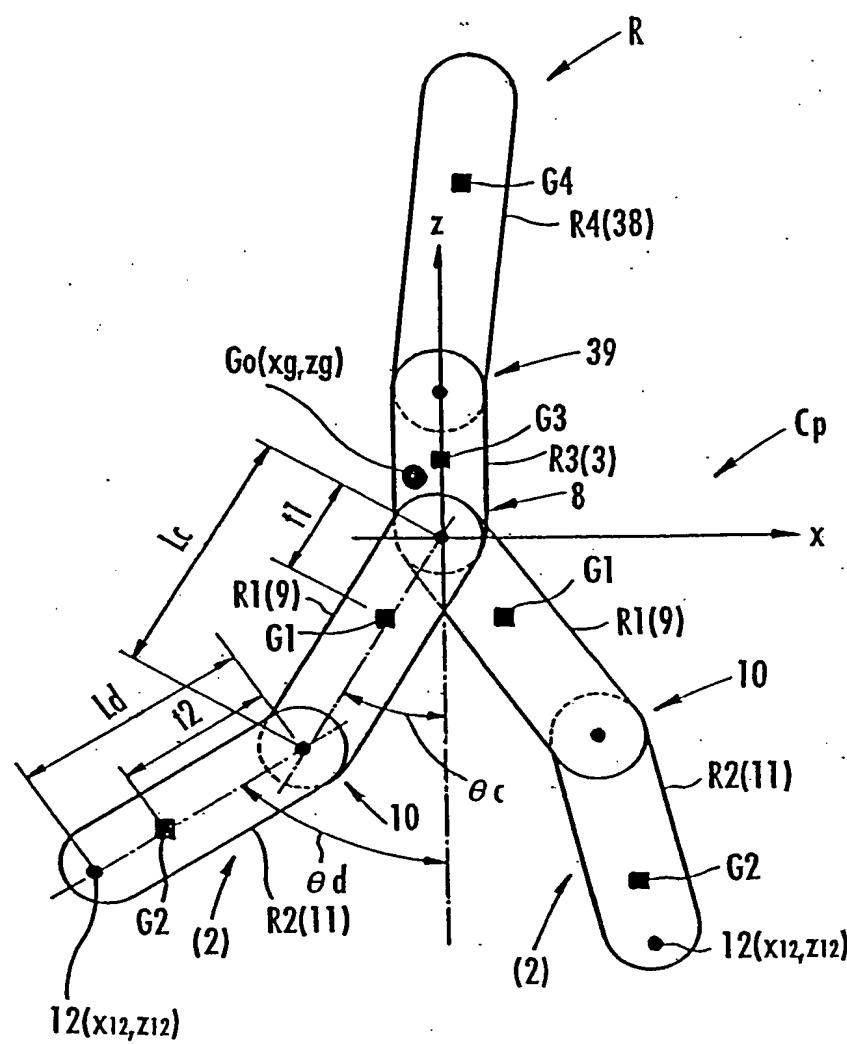
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FIG. 3



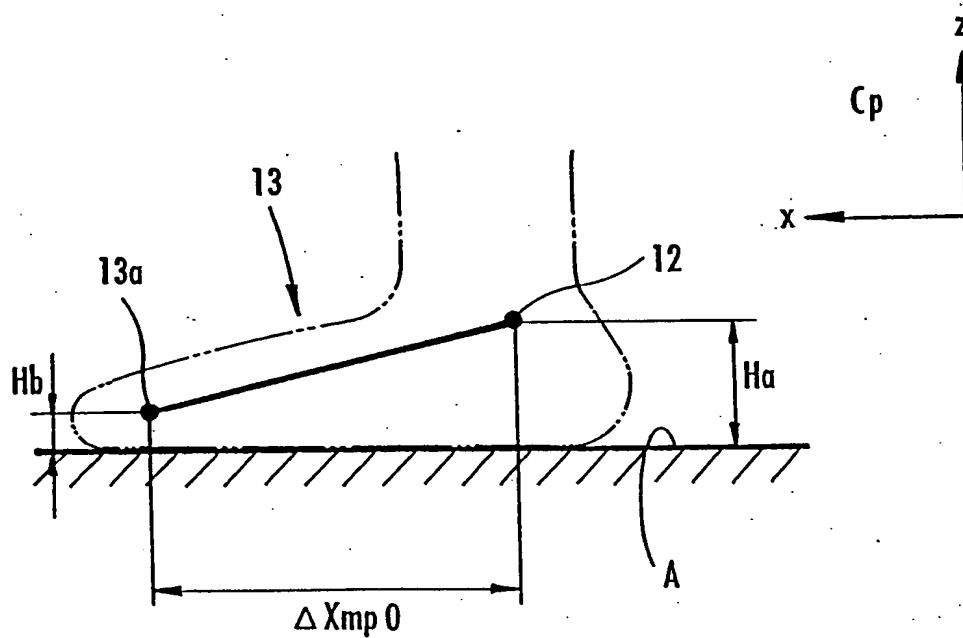
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FIG.4



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FIG. 5



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FIG. 6 (a)
DIRECTLY BELOW ANKLE GROUND CONTACT SENSOR: ON
DIRECTLY BELOW MP GROUND CONTACT SENSOR: OFF

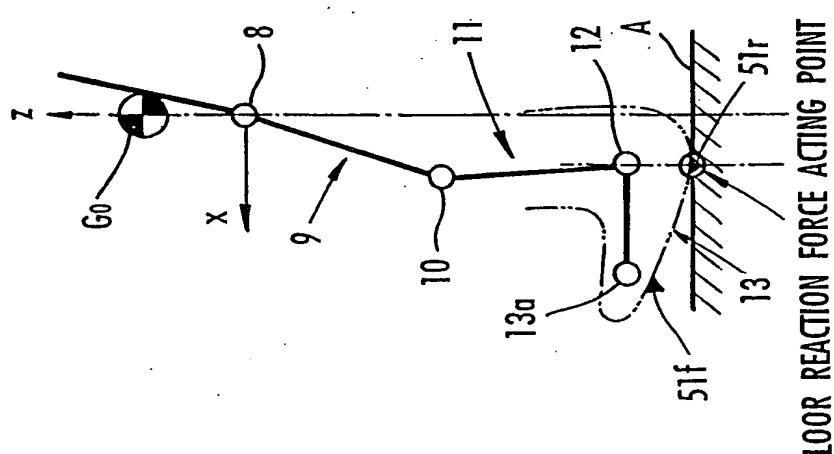
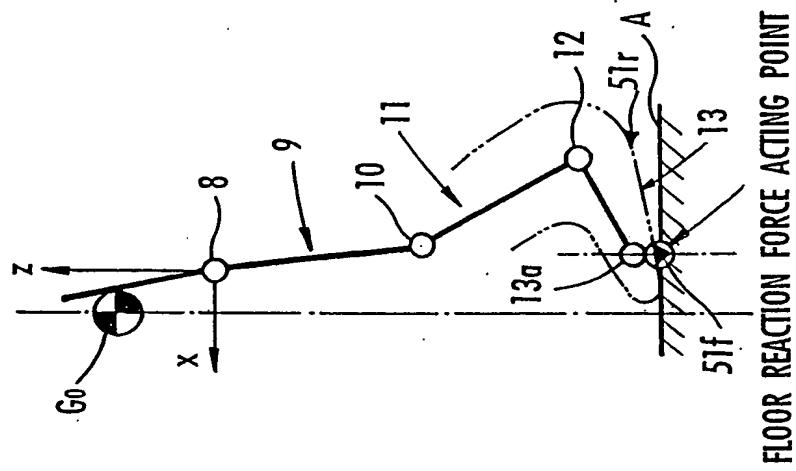


FIG. 6 (b)
DIRECTLY BELOW ANKLE GROUND CONTACT SENSOR: OFF
DIRECTLY BELOW MP GROUND CONTACT SENSOR: ON



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FIG. 7 (a)

DIRECTLY BELOW ANKLE
GROUND CONTACT SENSOR : ON
DIRECTLY BELOW MP
GROUND CONTACT SENSOR : ON

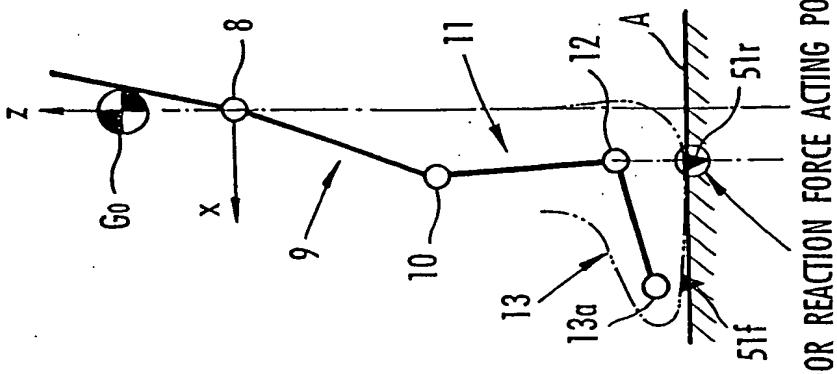


FIG. 7 (b)

DIRECTLY BELOW ANKLE
GROUND CONTACT SENSOR : ON
DIRECTLY BELOW MP
GROUND CONTACT SENSOR : ON

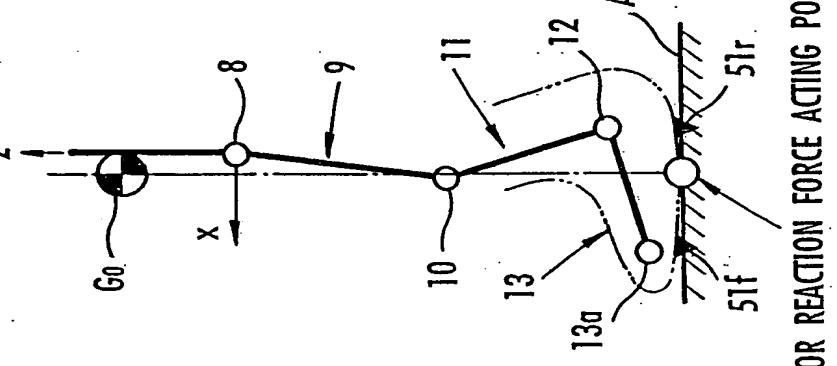
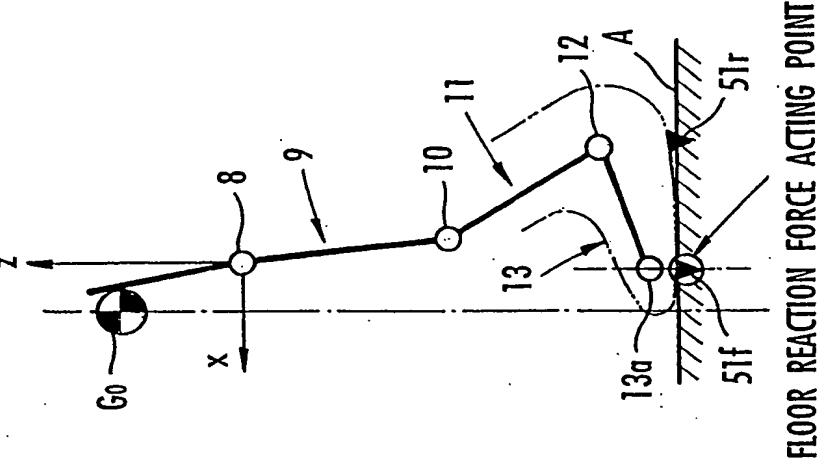


FIG. 7 (c)

DIRECTLY BELOW ANKLE
GROUND CONTACT SENSOR : ON
DIRECTLY BELOW MP
GROUND CONTACT SENSOR : ON



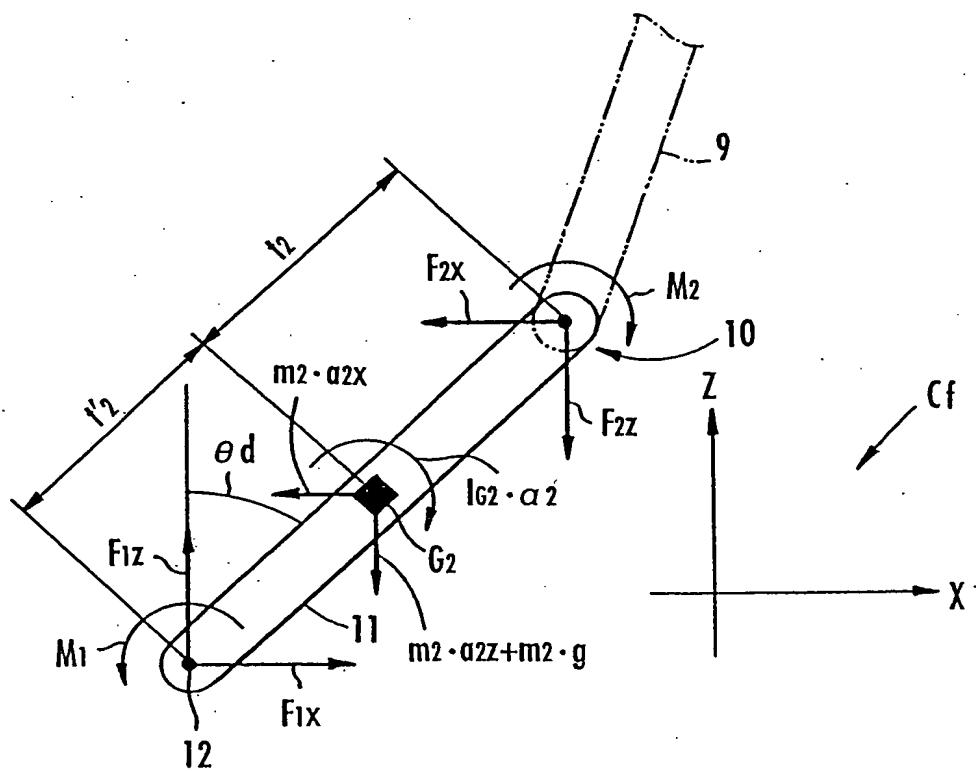
FLOOR REACTION FORCE ACTING POINT

FLOOR REACTION FORCE ACTING POINT

FLOOR REACTION FORCE ACTING POINT

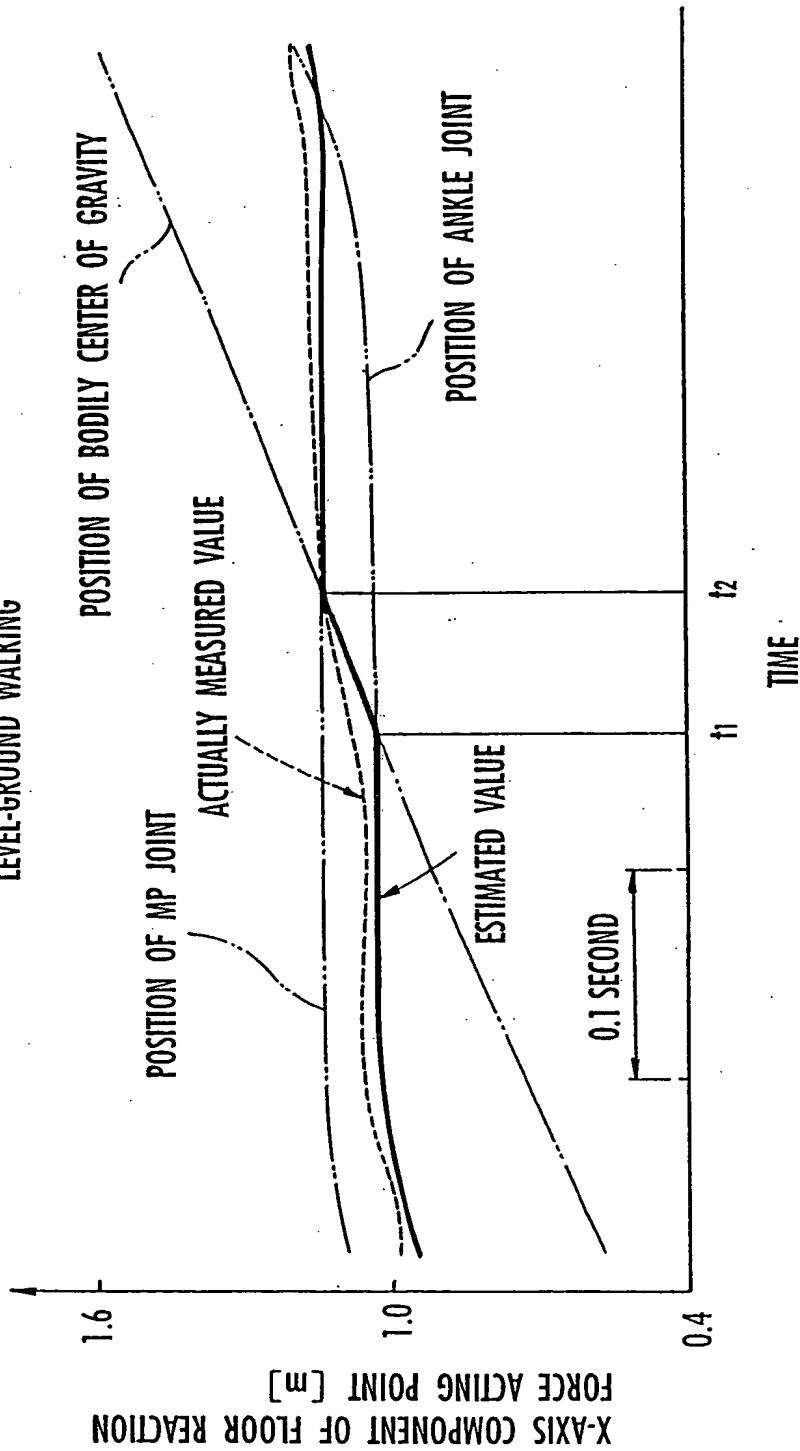
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FIG. 8



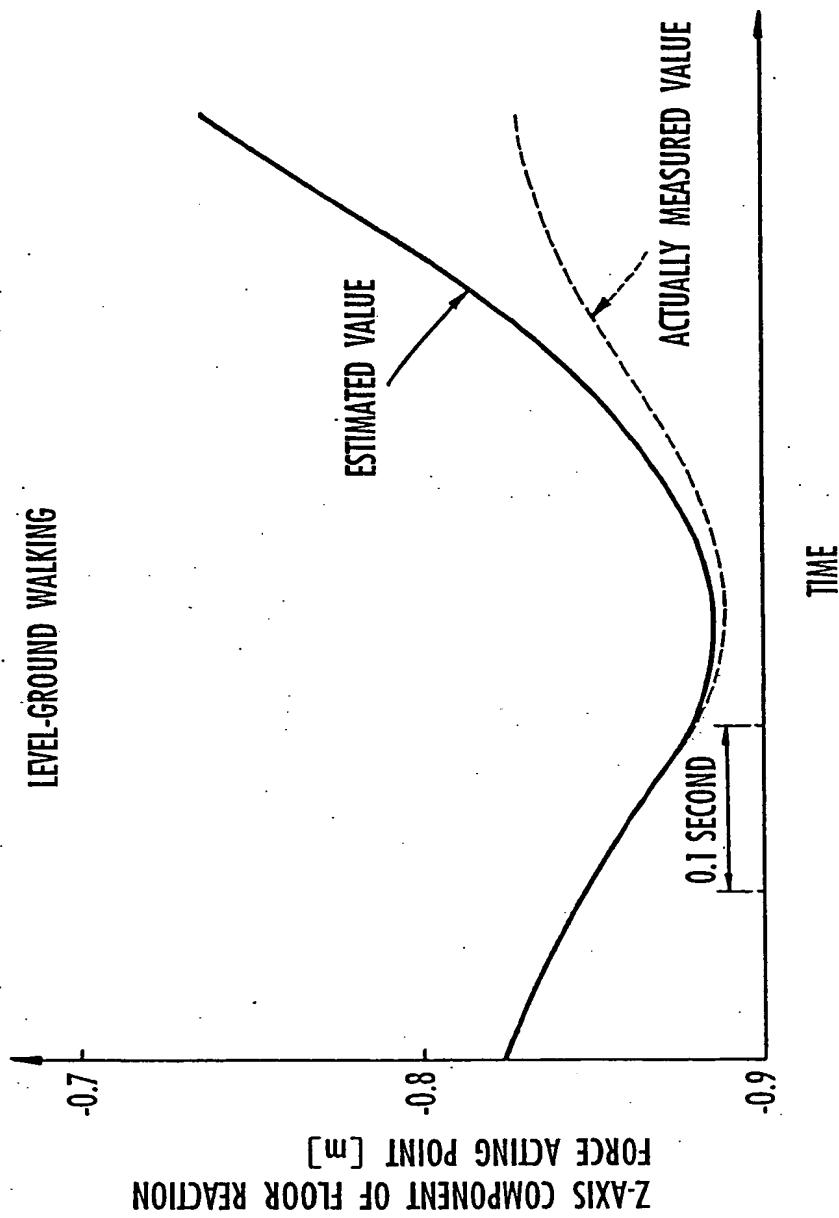
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FIG. 9
LEVEL-GROUND WALKING



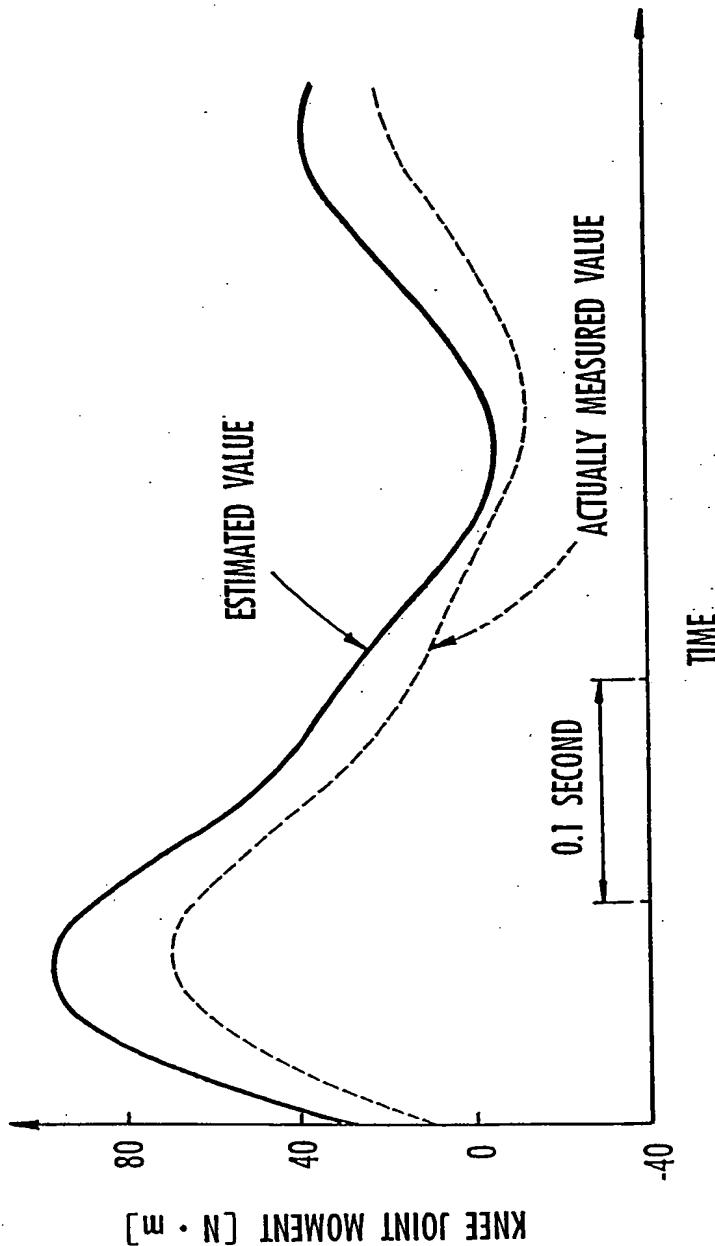
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FIG.10
LEVEL-GROUND WALKING



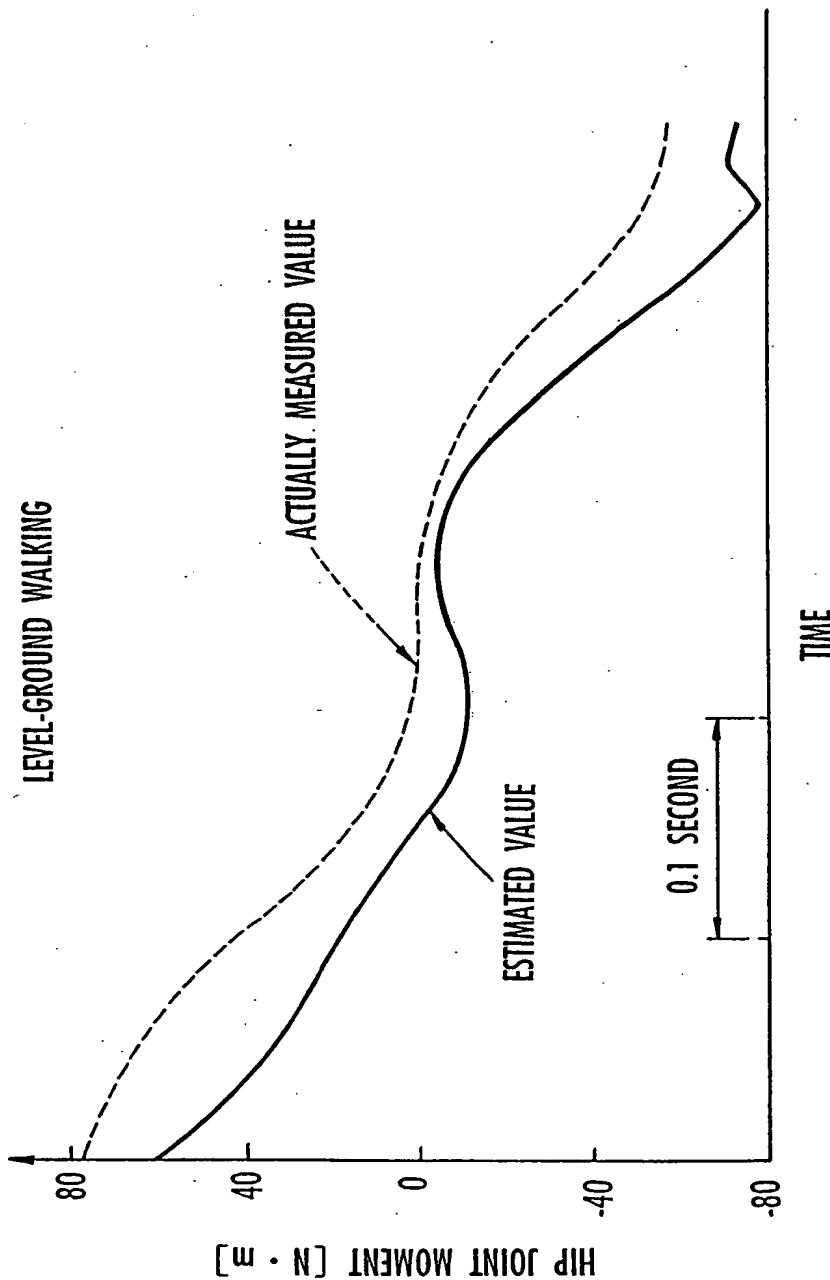
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FIG.11
LEVEL-GROUND WALKING



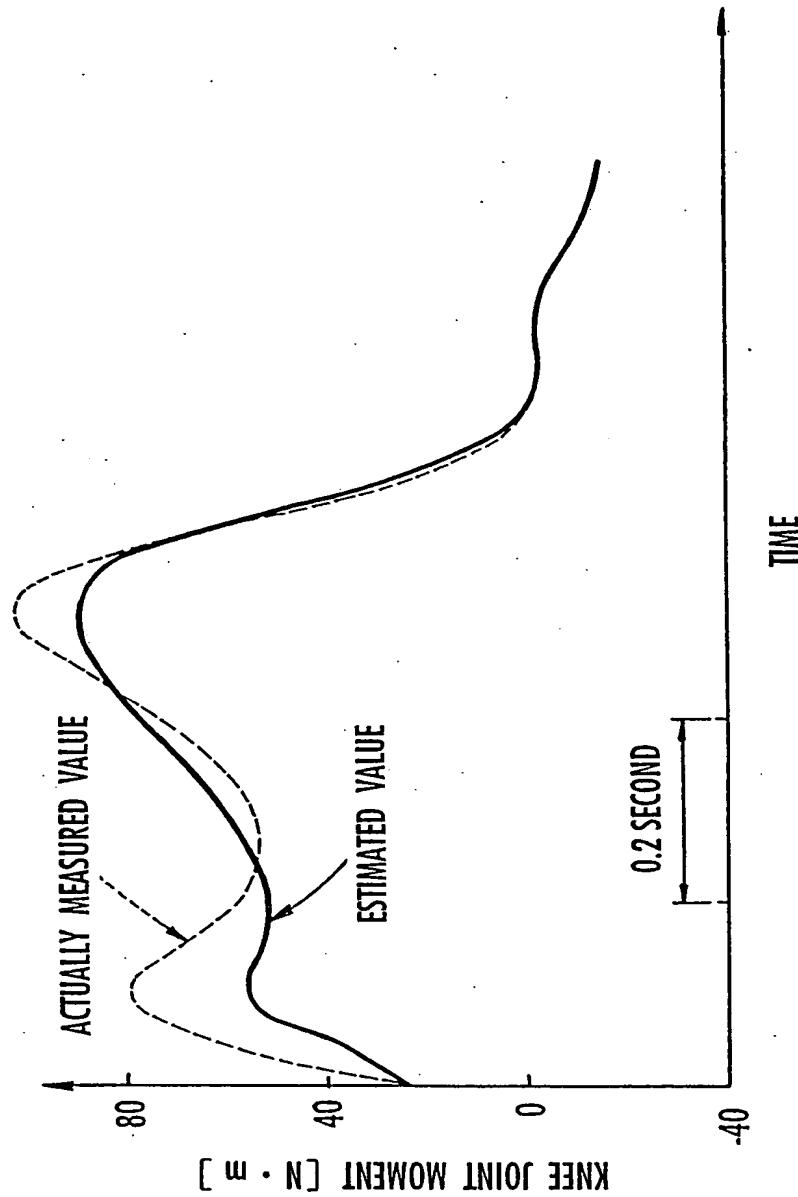
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FIG.12
LEVEL-GROUND WALKING



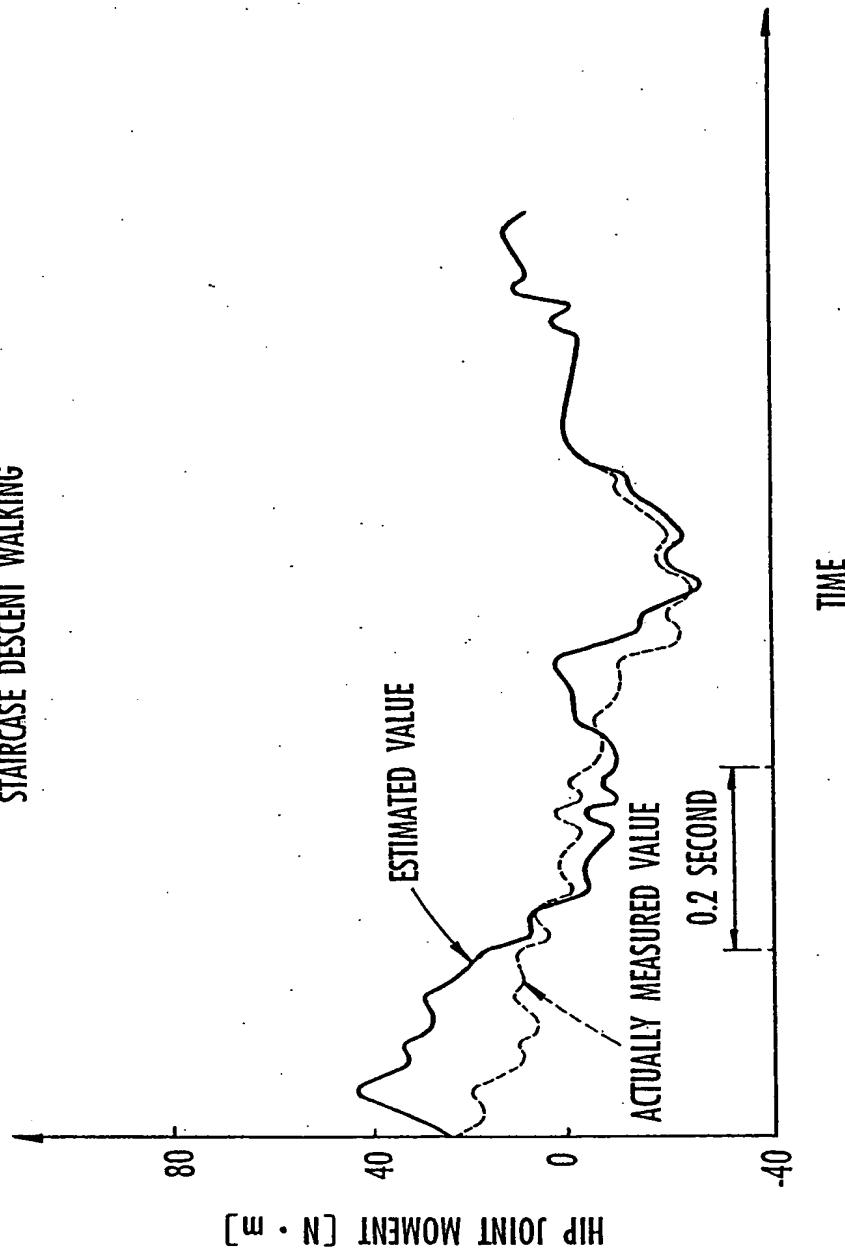
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FIG.13
STAIRCASE DESCENT WALKING



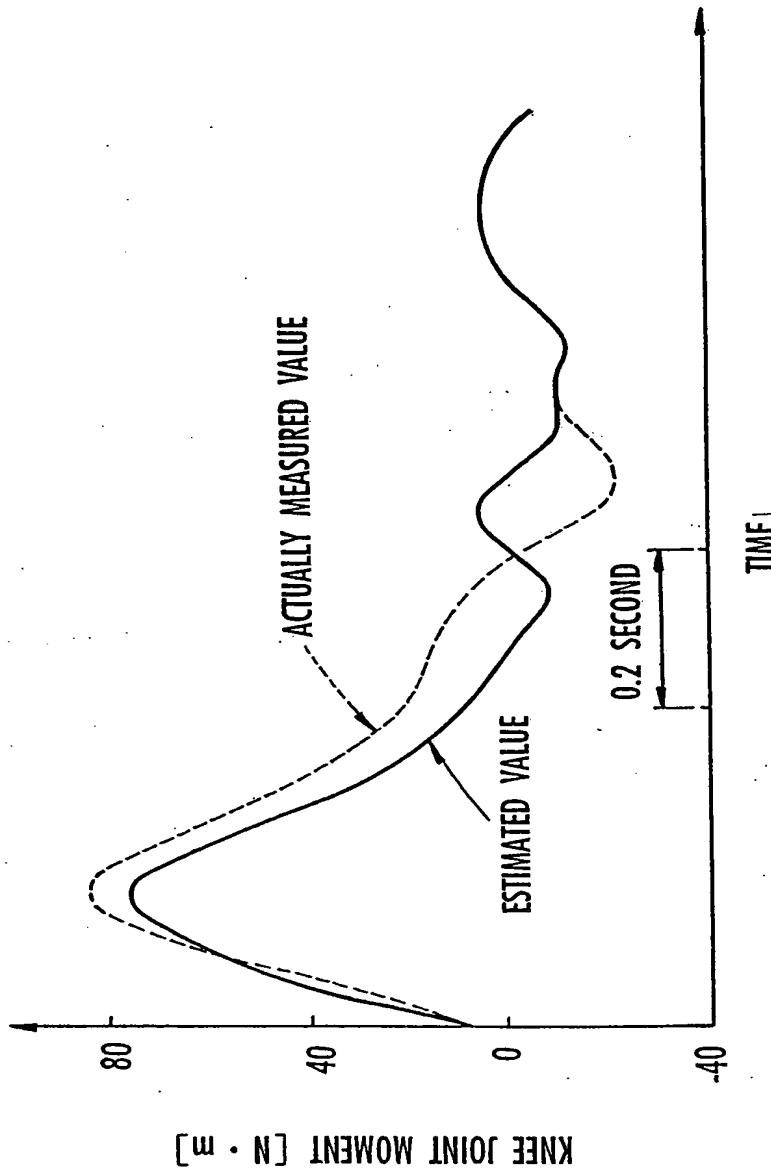
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FIG. 14
STAIRCASE DESCENT WALKING



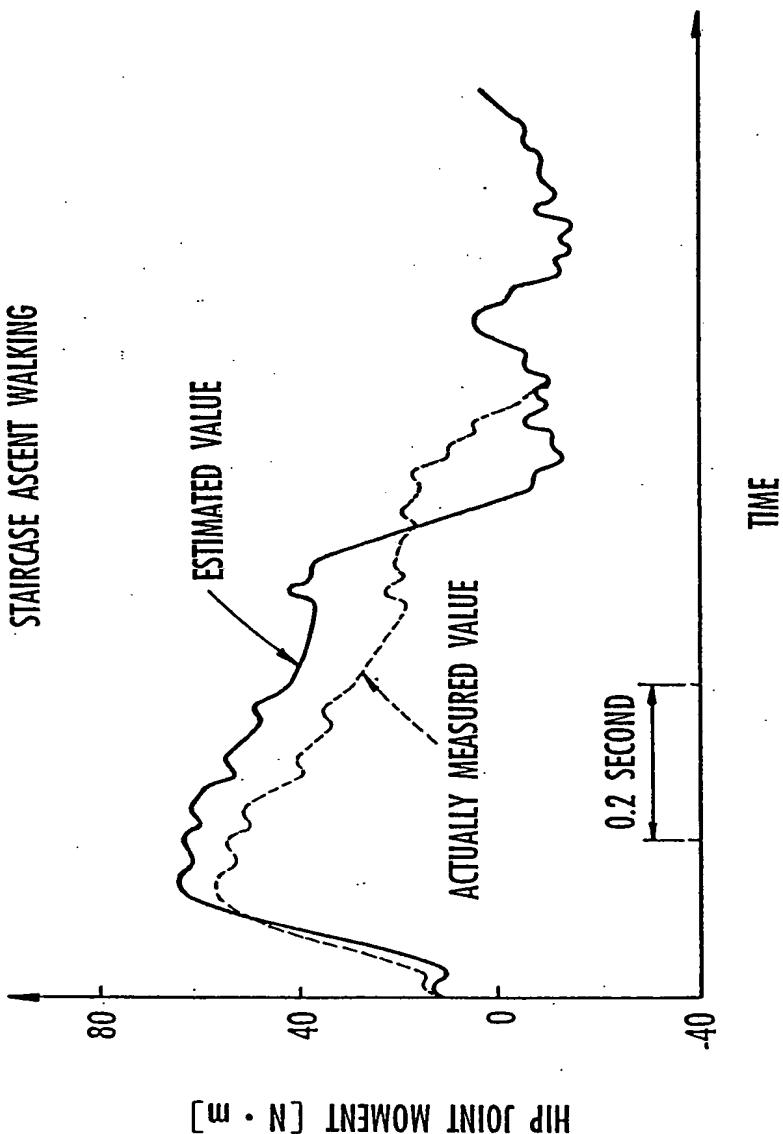
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FIG.15
STAIRCASE ASCENT WALKING



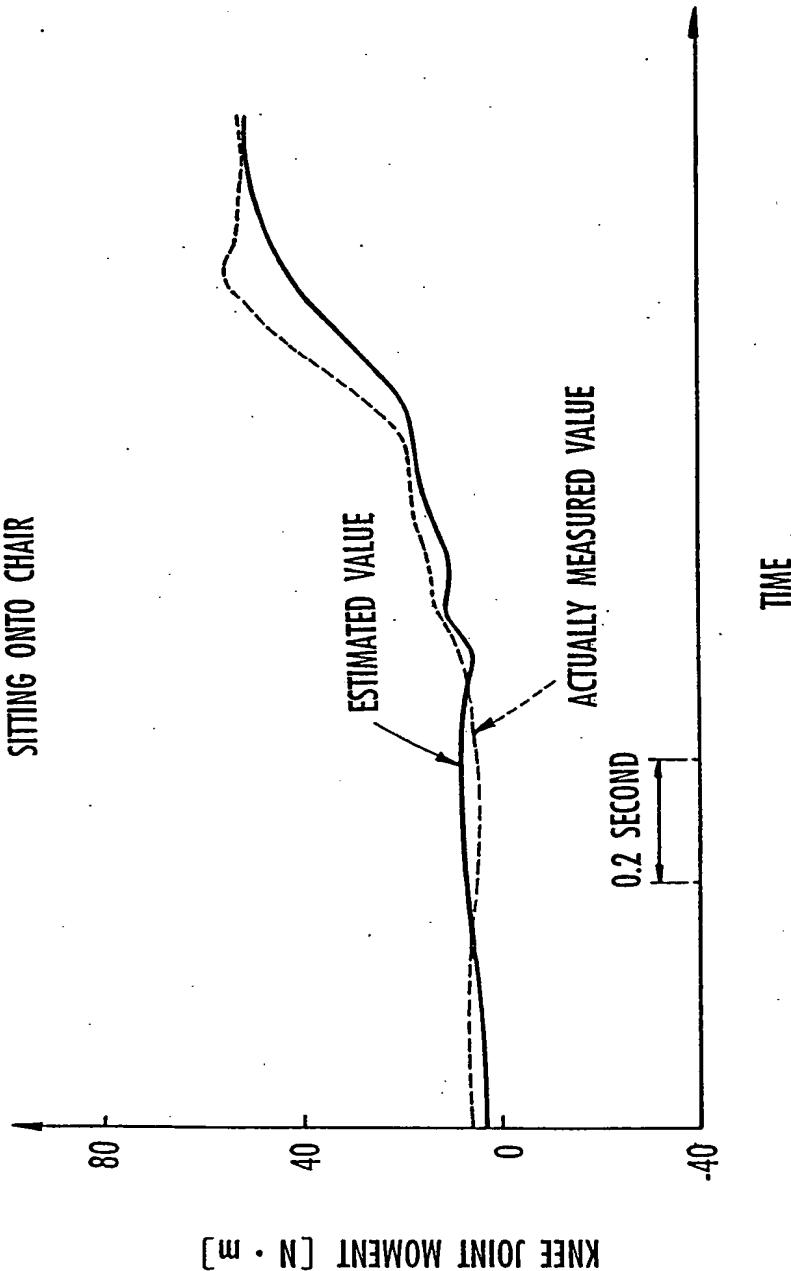
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FIG.16
STAIRCASE ASCENT WALKING



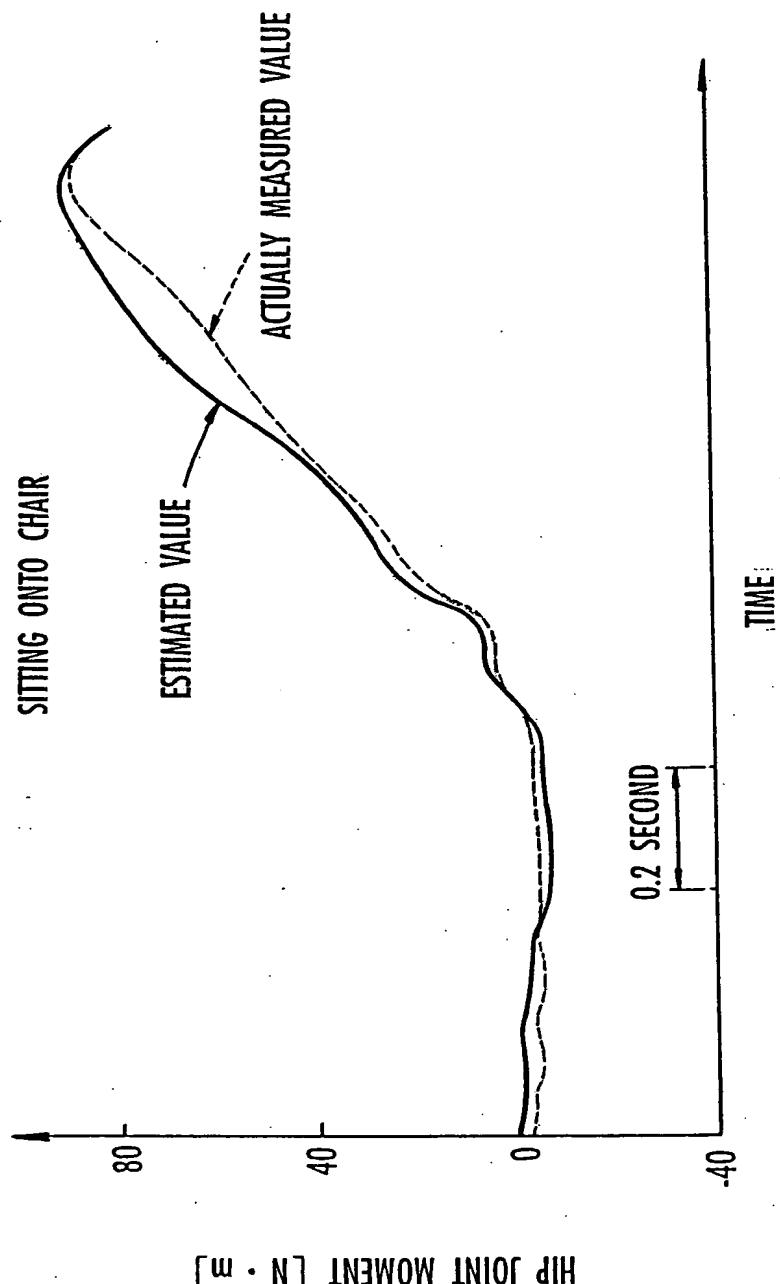
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FIG.17
SITTING ONTO CHAIR



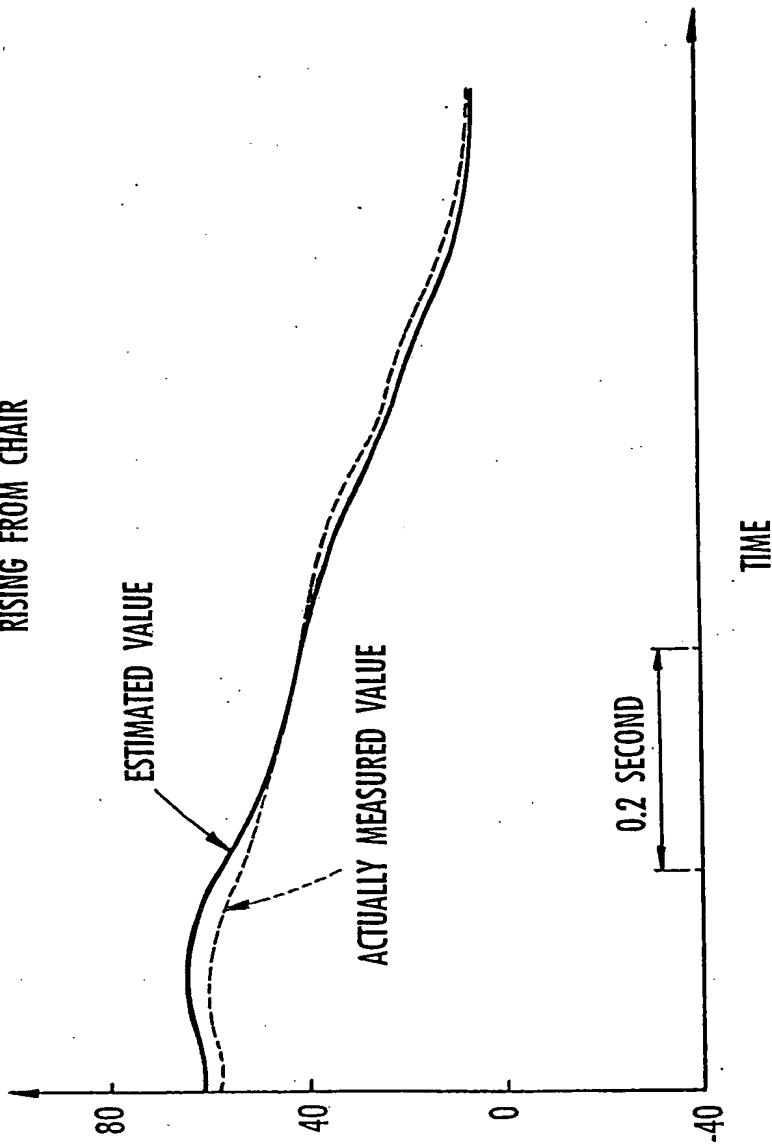
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FIG.18
SITTING ONTO CHAIR



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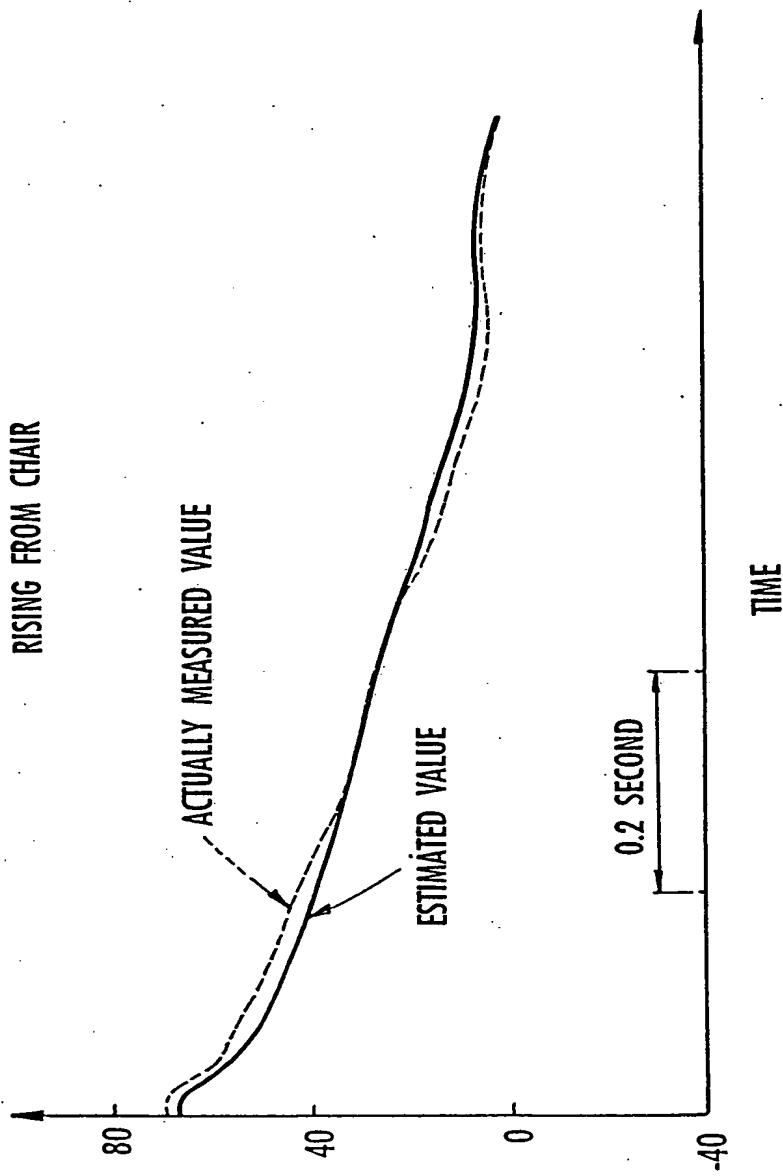
FIG. 19
RISING FROM CHAIR



KNEE JOINT MOMENT [N · m]

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FIG. 20
RISING FROM CHAIR



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FIG. 21

